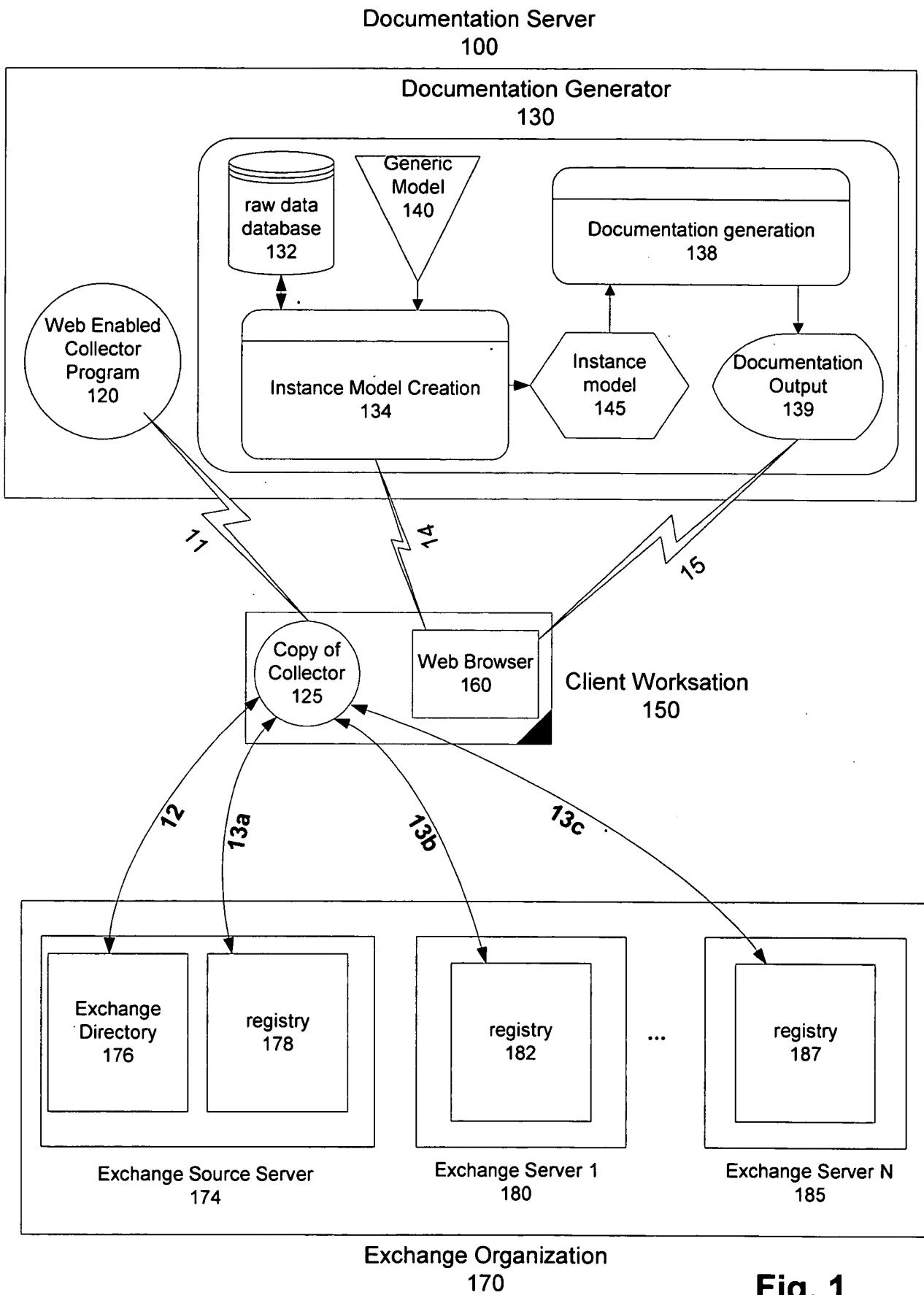
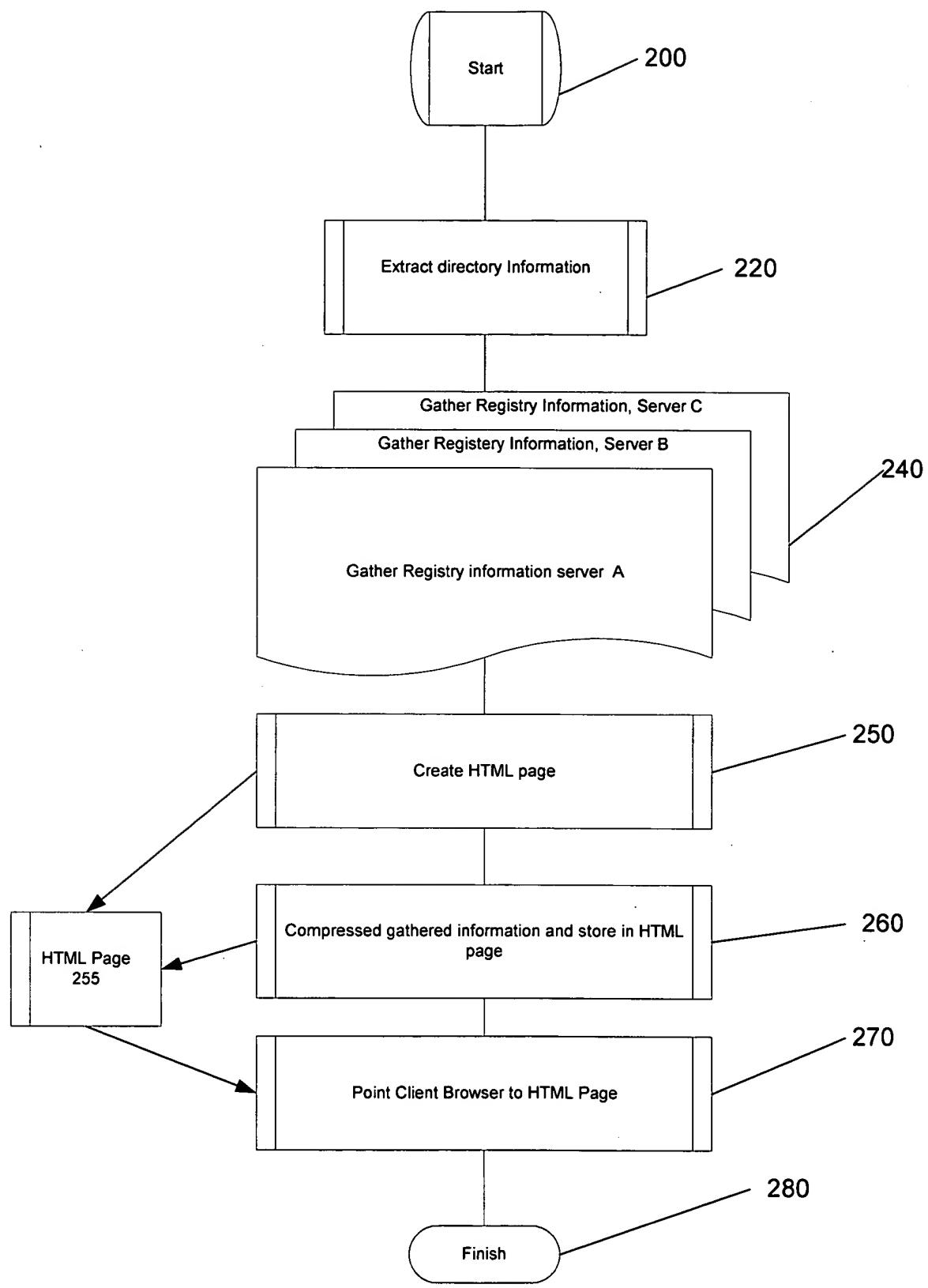


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**Fig. 1**



**Fig. 2**

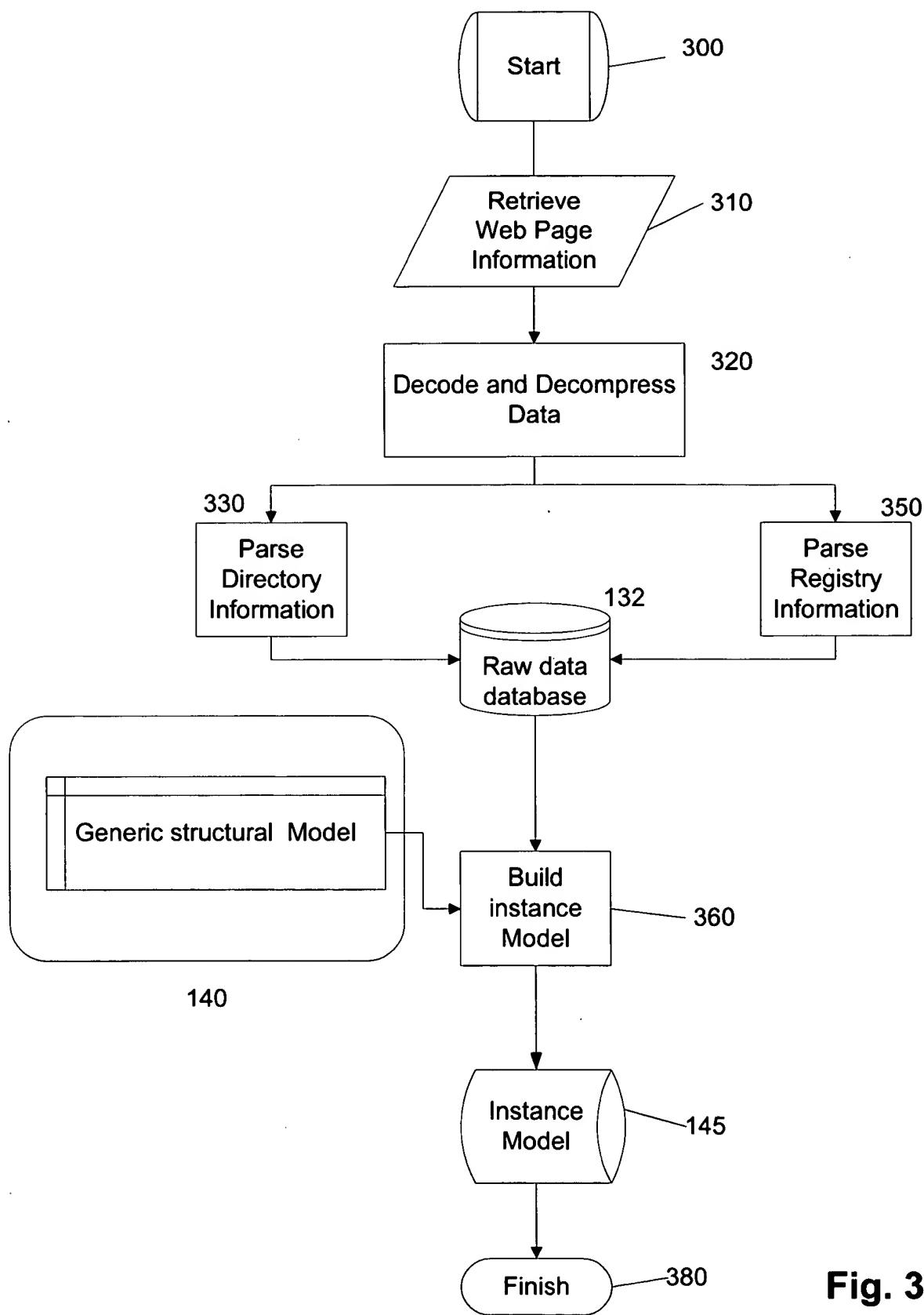
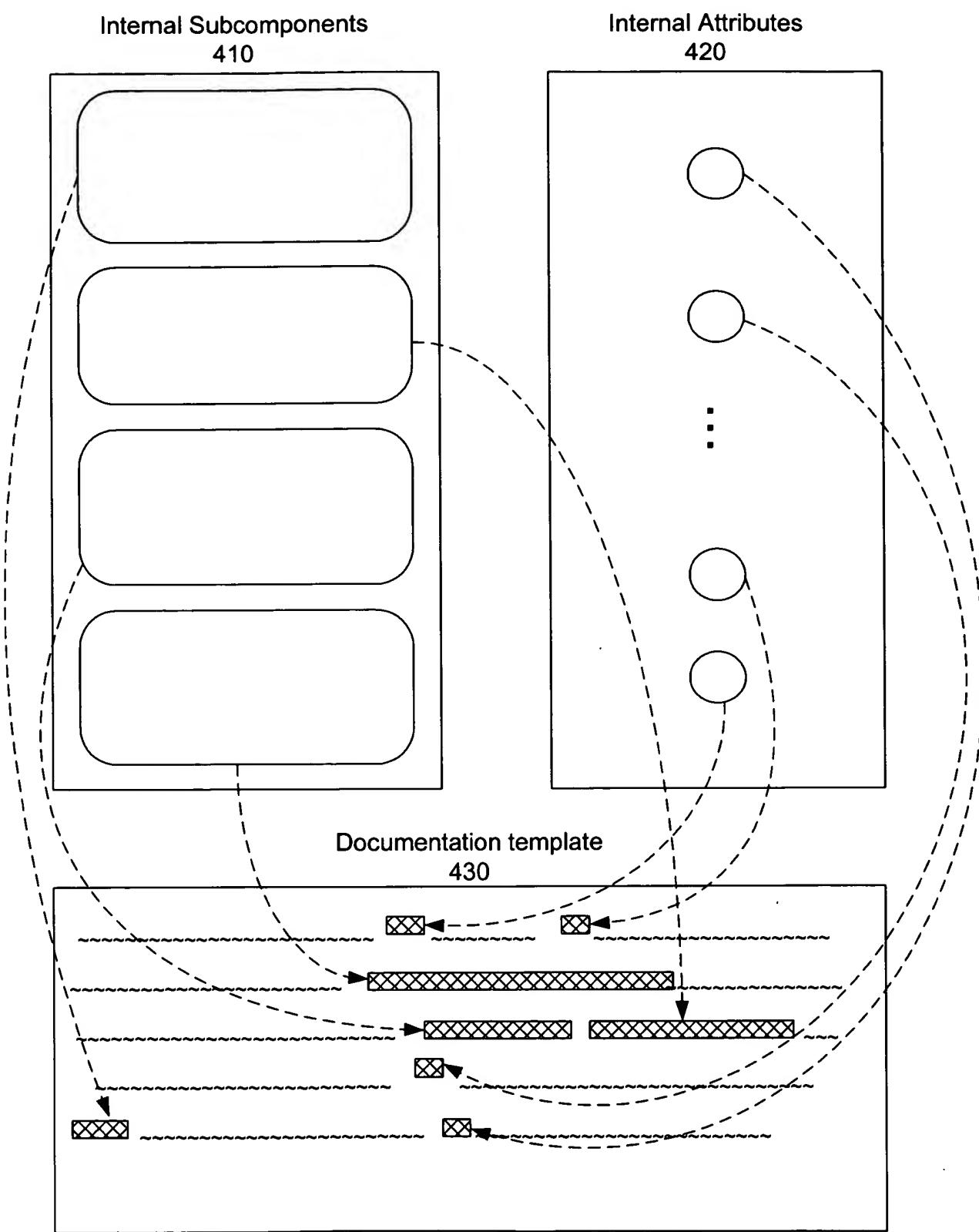


Fig. 3

000110.06013460



**Fig. 4**

```

511   class Organization
516   {
516     private:
516       string m_name;           // The name of the organization.
512     vector<Site> m_sites;    // The sites making up the organization.
512     public:
513       Organization();        // The constructor of the Organization.
513       void post();           // Fill the fields.
515       void validate();       // Check the validity of the rules.
515       void document();       // Generate documentation.
515     };

526   class Site
526   {
526     private:
526       string m_name;           // The name of the site.
524     vector<Server> m_servers; // The servers making up the site.
524     vector<Protocol> m_protocols; // The protocols supported by the site.
522     public:
522       Site();                 // The constructor of the Site.
522       void post();             // Fill the fields.
525       void validate();         // Check the validity of the rules.
525       void document();         // Generate documentation.
525     };

532   class Server
532   {
532     private:
532       string m_name;           // The name of the server.
532       int m_mailboxes;         // The number of mailboxes.
532       int m_diskSpace;         // The amount of disk space on the server.
532     public:
532       Server();                // The constructor of the Server.
532       void post();              // Fill the fields.
535       void validate();          // Check the validity of the rules.
535       void document();          // Generate documentation.
535     };

542   class Protocol
542   {
542     private:
542       string m_name;           // The protocol name.
542       bool m_enabled;          // The status of this protocol.
542       bool m_allowAnonymous;   // Whether or not this protocol
542                               // allows anonymous access.
542     public:
542       Protocol();              // The constructor of the Protocol.
542       void post();              // Fill the fields.
545       void validate();          // Check the validity of the rules.
545       void document();          // Generate documentation.
545     };

```

Fig. 5

```
610 void
611 Site::document()
612 {
613     Sever *s;
614     Protocol *p;
615     TOC_Entry(m_name, "site description", get_current_location());
616     Index_Entry(m_name, get_current_location());
617     cout << "The site " << m_name << " has " << m_servers.size()
618     << " servers and supports " << m_protocols.size()
619     << " distinct protocols." << endl;
620
621     // Generate documentation for all the servers.
622     vector<Server>::const_iterator s;
623     for (s = m_servers.begin(); s != m_servers.end(); ++s)
624         (**s).document();
625
626     // Generate documentation for all the protocols.
627     vector<Protocol>::const_iterator p;
628     for (p = m_protocols.begin(); p != m_protocols.end(); ++p)
629         (**p).document();
630 }
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660 void
661 Server::document()
662 {
663     cout << "Server " << m_name << " has " << m_mailboxes
664     << " mailboxes and " << m_diskSpace << " Mb of disk space."
665     << endl;
666 }
```

Fig. 6

Every NT domain has at least one domain controller designated as the 'Primary Domain Controller' or PDC for short. In this domain the PDC is <<<select server\_name from "servers" where PDC = TRUE>>>. Additionally, any  
720 number of servers may operate as backup domain controllers or BDC's.  
<<<(if(recordcount("select server\_name from "servers" where BDC = TRUE") > 0) ,  
730 (" In this domain the BDC's are <<<select server\_name from "servers" where BDC = TRUE>>>"),  
710 ("This domain has no backup domain controller and we recomend that one be installed")  
740 >>>

**Fig. 7**

```
For Each variable do
    switch(variable.type)
    {
        case Server:
            if(Get_Free_Disk_Space(variable.name) <
                (Get_Mailbox_Count(Variable.name) * 5))
            )
                820 Warn_User("Your server has less than 5 megabyte of free disk\\
                             space per mailbox. We recommend increasing disk size.");
            if( is_a_PDC(variable.name) and is_an_SQL_server(variable.name))
                Warn_User("This server is used both as a primary domain controller\\
                           and an SQL database server. You will likely get better\\
                           performance if you dedicate a separate server for each.")
            break
        case ...
        .
        .
    }
    } //end switch
Done
```

**Fig. 8**

The Documentation server is ready to collect data from your network installation.  
Please verify that you have administrator access rights to all the servers in the organization. Incorrect documentation may result otherwise. When ready, please click this button

Generate  
Documentation

910

**Fig. 9**

All the necessary information to create your documentation has been gathered

[Click here to Build Documentation](#)

1010

**Fig. 10**

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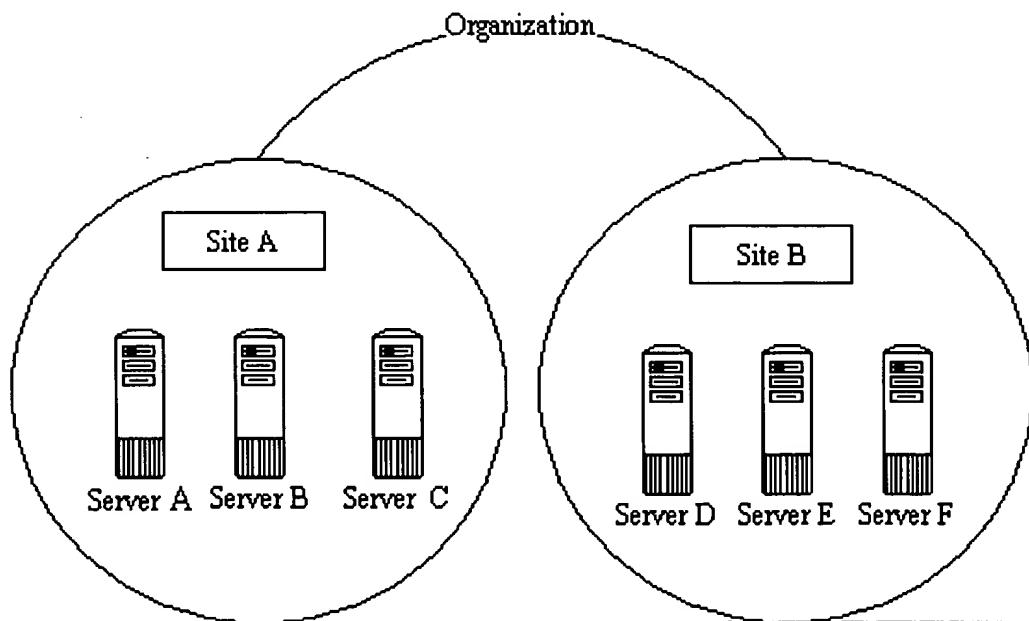
# Chapter 1

## Organization

This documentation of the Microsoft Exchange organization **ecora** has been prepared at the request of **Eric Grabowski** on **Thursday, December 09, 1999 16:23:10**. The text was generated by the **ecora.com Documentor** version 1.0.0.

All Microsoft Exchange servers are organized hierarchically as follows: one or more servers make up a *site*, one or more sites make up an *organization*.

DOCUMENTATION



Organization **ecora** is composed of **one site, testlab**.

An organization may separate its global address list (GAL) into several parts using a mechanism called *Custom Views*.

For the organization **ecora** there are **no custom views available**.

- This IMS will not convert all incoming mail to a fixed width font. Converting fonts to fixed width will convert all mail into the Courier font.
- The Internet Mail Service will not use *Extended TURN* (ETRN) for mail queue requests. ETRN is a protocol used for requesting email from an SMTP server. Unlike POP3 or IMAP, SMTP was not designed to be used as a client to receive mail or to send mail directly to the end user. Instead, it is designed to work through an agent such as POP3 or IMAP to deliver mail. ETRN (and TURN) allows mail to be "de-queued" or unloaded from the SMTP server, so that the mail can be handled by the appropriate mail server and delivered to its proper recipients.

### 2.3.2 MSMail Connectors

The Microsoft Mail Connector is designed to allow for easy migration from the MSMail environment to the Microsoft Exchange environment. This connector also allows the two email systems to co-exist with minimum hassle or conversion issues.

There are some clear advantages to using the MSMail connector even if you do not plan on doing a migration right away. The MSMail connector's MTA is much more robust than the MSMail external program used to move mail between post offices. Also, Exchange has much better reporting and logging features than MSMail does.



**MS Mail Connector (WAYGATE)**

The MSMail connector allows communication between Microsoft Exchange and MS mail. This connector is used primarily for migrating from MSMail to Exchange, but can also be used to provide limited co-existence between the two systems.

An administrator's mailbox **does not exist**. The administrator's mailbox needs to be defined in order to receive messages concerning this connector. If your MSMail connector is an important part of your Exchange environment it may be a good idea to have these alerts go to a well-monitored mailbox.

Maximum MSMail compatibility **has been enabled** for this connector. If this option is enabled, OLE objects in mail will be saved in two formats. One format supports older MSMail clients, while the other format supports newer clients.

Message tracking is **not enabled** on this connector. When message tracking is enabled, the System Attendant on the Microsoft Exchange Server maintains message activities in a log. The mail-tracking log is stored in

**Fig. 13**

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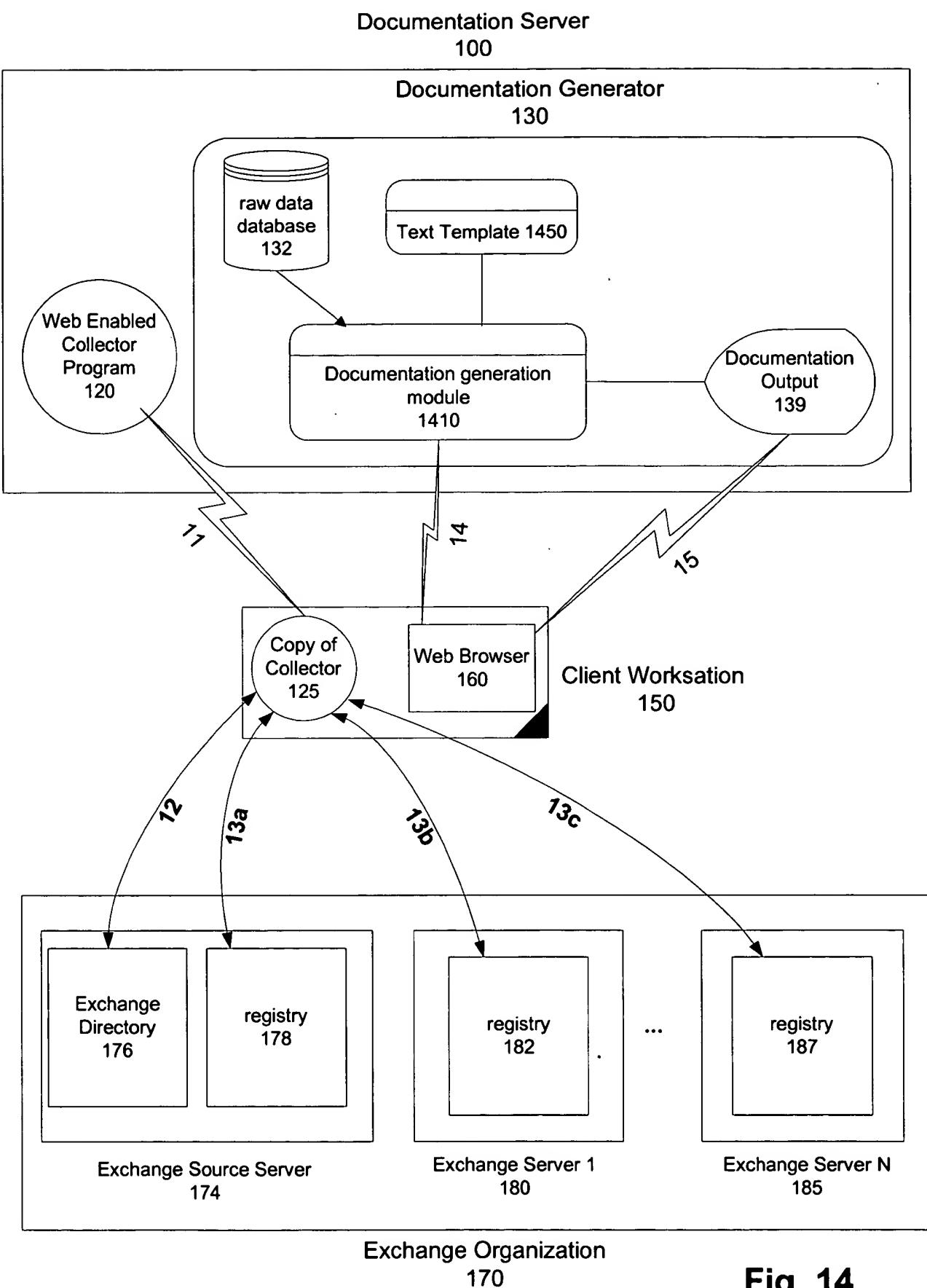
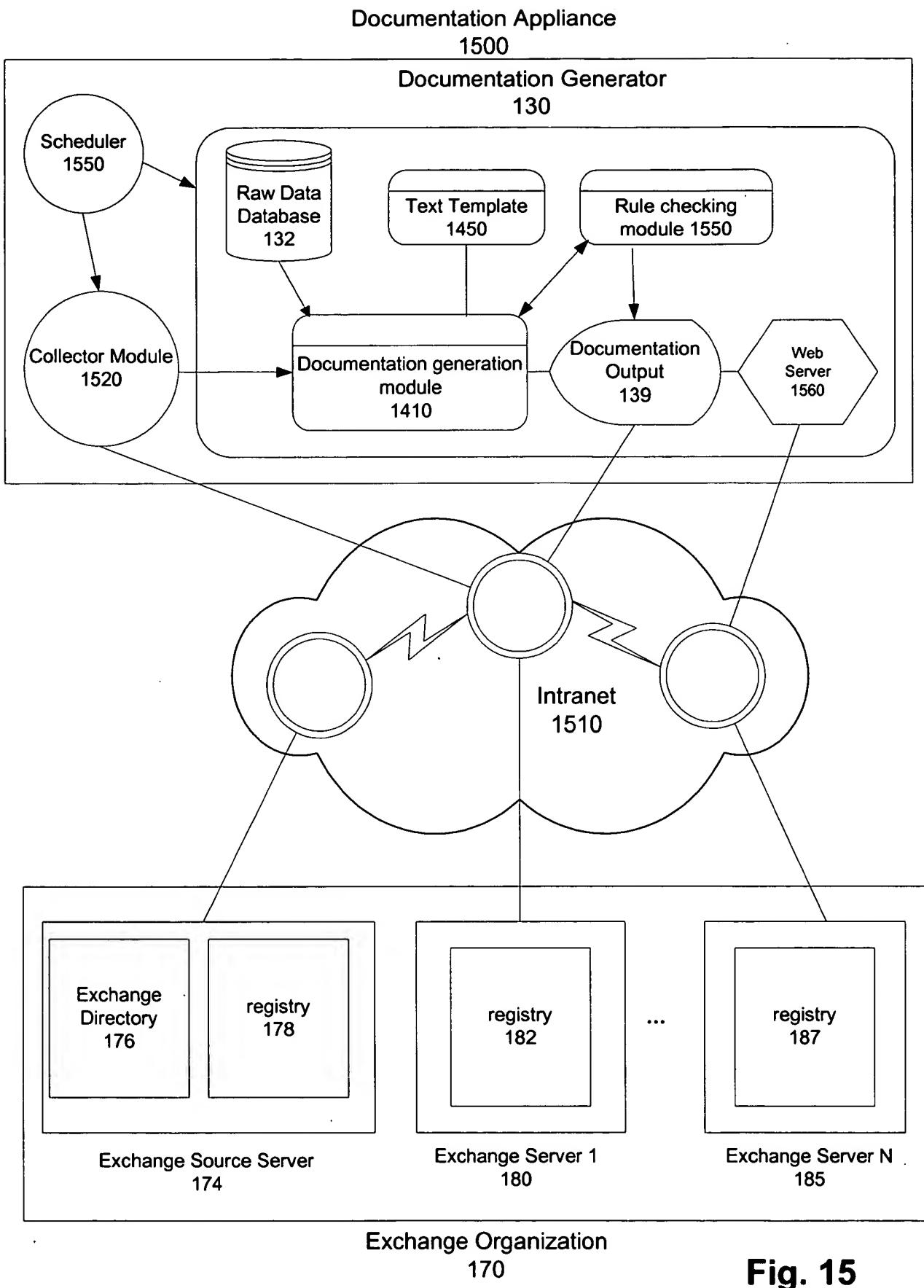


Fig. 14



**Fig. 15**